



WELL-EQUIPPED LIFE  
SCIENCES LABORATORIES



DIRECT UK HONOURS  
DEGREE PROGRAMMES



INDUSTRY-RELEVANT  
MODULES

# LIFE SCIENCES



**MDIS**  
Management Development  
Institute of Singapore

UNIVERSITY PARTNER



**Teesside  
University**

# TEESSIDE UNIVERSITY, UNITED KINGDOM

Teesside University is a dynamic and modern institution, based in the north east of England, generating and applying knowledge that contributes to the economic, social and cultural success of students, partners and the communities we serve. We are an ambitious and enterprising university for a focused and pragmatic global new generation. We provide real opportunities and support to realise potential on a campus fit for the future and around the world. From developing an innovative and informed curriculum, tailored to industry, to addressing societal challenges on a global scale through inter-disciplinary research, the University's work is always relevant and purpose driven. Through education enriched by research, innovation and engagement with business and the professions, we transform lives and economies.







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## PURSUE YOUR LIFE SCIENCES COURSE WITH MDIS

Venturing in a Health Science course or a Degree in Life Sciences unveils limitless possibilities and breakthroughs. This study offers valuable insights into disease processes, leading to the creation of innovative therapeutics and cutting-edge medical devices, thereby directly enhancing human health. Unravel life's mysteries and acquire practical skills for healthcare, research and biotechnology fields. Pursue your passion for understanding life and make a significant mark on the world through this dynamic career pathway.

In recent years, Singapore has risen to become one of the premier biomedical and pharmaceutical hubs in Asia, making it an ideal location for MDIS' Biomedical Science courses in Singapore. Biomedical Sciences (BMS) initiative, launched in June 2000 by the Singapore government, has attracted foreign and private investors elevating the sector. Industry pioneers like Pfizer, Novartis, MSD, Sanofi, AbbVie and Amgen have global production hubs in Singapore, offering a broad spectrum of products and job opportunities.



**MDIS**  
Management Development  
Institute of Singapore

# LIFE SCIENCES COURSES EDUCATIONAL PATHWAYS



**BACHELOR OF SCIENCE (HONS)  
BIOMEDICAL SCIENCES**

**BACHELOR OF SCIENCE (HONS)  
HEALTH SCIENCES**

**INTERNATIONAL FOUNDATION DIPLOMA IN  
BIOMEDICAL SCIENCES**

MDIS

MDIS Campus

MAKE A DIFFERENCE  
GO THE DISTANCE

EMPOWER YOURSELF WITH THE BEST  
FROM OVER 100 DISCIPLINES

MDIS



# BACHELOR OF SCIENCE (HONS)

## BIOMEDICAL SCIENCES

### PROGRAMME OBJECTIVES

The Bachelor of Science (Hons) Biomedical Sciences programme offered by Teesside University in partnership with MDIS is designed to take prospective students steps closer to achieving their ambitions. This programme is meticulously tailored for prospective students keen on deep diving into clinical biomedical science, research and the pharmaceutical sciences sectors. The course will equip prospective students with essential transferable skills, enhancing employability across diverse healthcare and life science settings. To equip graduates for multifaceted careers and postgraduate study in life sciences, the Bachelor of Science (Hons) in Biomedical Sciences will bring them one step closer to achieving their ambition of living an unlimited life: from ordinary to milestone success.

The programme is intended to:

- Provide students with a broad and balanced appreciation of the fundamental scientific concepts that underpin biomedical science;
- Develop a range of practical skills and competencies to allow students to work safely and minimize risk in a laboratory environment
- To develop practical skills in the laboratory in addition to broader professional skills
- Develop the ability to apply a variety of methods of study in the investigation and analysis of problems in biomedical science
- Permit students to complete a final year independent enquiry-driven project, incorporating critical analysis and evaluation of data

Modules		
<b>Year 1</b> <ul style="list-style-type: none"> <li>• Biochemistry and Chemical Science</li> <li>• Anatomy and Physiology</li> <li>• Microbiology</li> <li>• Medical Laboratory Science</li> <li>• Pathology</li> <li>• Cell Biology</li> </ul>	<b>Year 2</b> <ul style="list-style-type: none"> <li>• Molecular Biology and Bioinformatics</li> <li>• Human Metabolism and Clinical Biochemistry</li> <li>• Immunology</li> <li>• Human Development</li> <li>• Clinical Pharmacology</li> <li>• Diagnostic and Experimental Pathology</li> </ul>	<b>Year 3</b> <ul style="list-style-type: none"> <li>• Science Research Project</li> <li>• Clinical Biochemistry</li> <li>• Medical Microbiology</li> <li>• Clinical Genetics</li> <li>• Clinical Haematology and Transfusion Science</li> </ul>
Course Fees		Duration
<b>Application Fees</b> <b>Local Student:</b>  S\$163.50	<b>Application Fees</b> <b>International Student:</b>  S\$490.50	<b>Full-Time:</b> 36 months (Year 1 Entry)   24 months (Year 2 Entry) <b>Part-Time:</b> 36 months (Year 1 Entry)   24 months (Year 2 Entry)
<b>Tuition Fees</b> <b>Full-Time/Part-Time</b>  <b>Year 1 - S\$46,325.00</b> <b>Year 2 - S\$30,520.00</b>	<b>Tuition Fees</b> <b>Full-Time</b>  <b>Year 1 - S\$50,685.00</b> <b>Year 2 - S\$34,335.00</b>	<ul style="list-style-type: none"> <li>• All application fees are non-refundable.</li> <li>• All fees quoted are inclusive of GST.</li> <li>• The amount illustrated is based on 9% GST, effective 1 January 2024 and the total amount payable will be charged accordingly.</li> <li>• Local: Non-tuition fees for full-time programmes include MDIS membership entrance fee, membership subscription fee, MDIS experience workshop, academic writing workshop, medical insurance and fee protection scheme. Non-tuition fees for part-time programmes include MDIS membership entrance fee, membership subscription fees, MDIS experience workshop, academic writing workshop and fee protection scheme.</li> <li>• International: Non-tuition fees for full-time programmes include MDIS membership entrance fee, membership subscription fees, MDIS experience workshop, academic writing workshop, medical insurance, medical examination and administrative fee.</li> <li>• Non-tuition fees for international students may vary.</li> <li>• Non-tuition fees are not refundable. Please refer to MDIS refund policy on our corporate website for more details.</li> </ul>
<b>Non-Tuition Fees</b> <b>Full-Time/Part-Time</b>  S\$700.00 - S\$1,900.00	<b>Non-Tuition Fees</b> <b>Full-Time</b>  S\$1,290.00 - S\$2,800.00	
Entry Requirements		
<b>Year 1 Entry:</b> <ul style="list-style-type: none"> <li>• International Foundation Diploma in Biomedical Sciences awarded by MDIS OR</li> <li>• GCE 'A' level, with a minimum of grade C from one relevant science stream subjects OR</li> <li>• Relevant qualifications awarded by other Private Education Institutes (PEIs) or recognised Higher Education providers in sciences-related disciplines, (which are deemed by the University to be suitable as pathway programmes for entry onto the Level 4 / Year 1 of the University course) with an entry requirement of 10 years of formal education</li> </ul> <b>Year 2 Entry:</b> <ul style="list-style-type: none"> <li>• Relevant polytechnic diplomas in Science-related disciplines, (which are deemed by the University to be equivalent to Level 4 / Year 1 of the University course) OR</li> <li>• Relevant diploma level qualifications awarded by other Private Education Institutions (PEIs) or recognized Higher Education providers in Science-related disciplines (which are deemed by the University to be equivalent to Level 4 / Year 1 of the University course) with an entry requirement of 12 years of formal education</li> </ul>		<ul style="list-style-type: none"> <li>• C6 in English at GCE 'O' Level OR</li> <li>• IELTS 6.0 (with no elements below 5.5) OR</li> <li>• MDIS Professional Certificate in English OR</li> <li>• Pass MDIS English Placement Test OR</li> <li>• Letter from College/University clearly stating the Medium of Instruction of the highest qualification to be English OR</li> <li>• Equivalent</li> </ul>

#### Minimum Number of Students to Commence Class

MDIS has the right to cancel a class/an intake if the minimum number of students enrolled is less than 10 for any programme per class. Students may enroll into a later intake, if any or withdraw from course. (For refund, please refer to our Refund Policy)

# BACHELOR OF SCIENCE (HONS)

## HEALTH SCIENCES

### PROGRAMME OBJECTIVES

This course provides a broad understanding of the physiology of the body's major systems as well as human health and disease. This programme enables you to study the cause, diagnosis and treatment of human disease from a multidisciplinary and evidence-based perspective, which will help you with a career in a variety of healthcare and life science settings.

The BSc (Hons) Health Sciences has been specifically designed for those with an interest in health-related multidisciplinary and evidence-based perspectives while developing the essential transferable skills enhancing the student's employability in a wide variety of health care and life science settings and its contribution to solving global challenges facing humanity. The aim of the course is to prepare graduates for a broad range of careers within industrial, commercial, health management, government and environmental settings and postgraduate study.

Modules		
<b>Year 1</b> <ul style="list-style-type: none"> <li>Biochemistry and Chemical Science</li> <li>Anatomy and Physiology</li> <li>Application of Health Sciences</li> <li>Cell Biology</li> <li>Microbiology</li> <li>Pathology</li> </ul>	<b>Year 2</b> <ul style="list-style-type: none"> <li>Molecular Biology and Bioinformatics</li> <li>Health Science Project</li> <li>Human Development</li> <li>Life Course and Health</li> <li>Immunology</li> <li>Clinical Pharmacology</li> </ul>	<b>Year 3</b> <ul style="list-style-type: none"> <li>Science Research Project</li> <li>Health Technologies</li> <li>Human Aging and Disease</li> <li>Biologics and Health Product Development</li> <li>Medical Microbiology</li> </ul>
Course Fees		Duration
<b>Application Fees</b> <b>Local Student:</b>  S\$163.50	<b>Application Fees</b> <b>International Student:</b>  S\$490.50	<b>Full-Time:</b> 36 months (Year 1 Entry)   24 months (Year 2 Entry) <b>Part-Time:</b> 36 months (Year 1 Entry)   24 months (Year 2 Entry)
<b>Tuition Fees</b> <b>Full-Time/Part-Time</b>  <b>Year 1 - S\$46,325.00</b> <b>Year 2 - S\$30,520.00</b>	<b>Tuition Fees</b> <b>Full-Time</b>  <b>Year 1 - S\$50,685.00</b> <b>Year 2 - S\$34,335.00</b>	<ul style="list-style-type: none"> <li>All application fees are non-refundable.</li> <li>All fees quoted are inclusive of GST.</li> <li>The amount illustrated is based on 9% GST, effective 1 January 2024 and the total amount payable will be charged accordingly.</li> <li>Local: Non-tuition fees for full-time programmes include MDIS membership entrance fee, membership subscription fee, MDIS experience workshop, academic writing workshop, medical insurance and fee protection scheme. Non-tuition fees for part-time programmes include MDIS membership entrance fee, membership subscription fees, MDIS experience workshop, academic writing workshop and fee protection scheme.</li> <li>International: Non-tuition fees for full-time programmes include MDIS membership entrance fee, membership subscription fees, MDIS experience workshop, academic writing workshop, medical insurance, medical examination and administrative fee.</li> <li>Non-tuition fees for international students may vary.</li> <li>Non-tuition fees are not refundable. Please refer to MDIS refund policy on our corporate website for more details.</li> </ul>
<b>Non-Tuition Fees</b> <b>Full-Time/Part-Time</b>  S\$700.00 - S\$1,900.00	<b>Non-Tuition Fees</b> <b>Full-Time</b>  S\$1,290.00 - S\$2,800.00	
Entry Requirements		English Language Requirements
<b>Year 1 Entry:</b> <ul style="list-style-type: none"> <li>International Foundation Diploma in Biomedical Sciences awarded by MDIS OR</li> <li>GCE 'A' level, with a minimum of grade C from one relevant science stream subjects OR</li> <li>Relevant qualifications awarded by other Private Education Institutes (PEIs) or recognised Higher Education providers in sciences-related disciplines, (which are deemed by the University to be suitable as pathway programmes for entry onto the Level 4 / Year 1 of the University course) with an entry requirement of 10 years of formal education</li> </ul> <b>Year 2 Entry:</b> <ul style="list-style-type: none"> <li>Relevant polytechnic diplomas in Science-related disciplines, (which are deemed by the University to be equivalent to Level 4 / Year 1 of the University course) OR</li> <li>Relevant diploma level qualifications awarded by other Private Education Institutions (PEIs) or recognized Higher Education providers in Science-related disciplines (which are deemed by the University to be equivalent to Level 4 / Year 1 of the University course) with an entry requirement of 12 years of formal education</li> </ul>		<ul style="list-style-type: none"> <li>C6 in English at GCE 'O' Level OR</li> <li>IELTS 6.0 (with no elements below 5.5) OR</li> <li>MDIS Professional Certificate in English OR</li> <li>Pass MDIS English Placement Test OR</li> <li>Letter from College / University clearly stating the Medium of Instruction of the highest qualification to be English OR</li> <li>Equivalent</li> </ul> <p><i>Note: All applications are subjected to the University's approval.</i></p>

#### Minimum Number of Students to Commence Class

MDIS has the right to cancel a class/an intake if the minimum number of students enrolled is less than 10 for any programme per class. Students may enroll into a later intake, if any or withdraw from course. (For refund, please refer to our Refund Policy)



# INTERNATIONAL FOUNDATION DIPLOMA IN BIOMEDICAL SCIENCES

## PROGRAMME OBJECTIVES

The International Foundation Diploma in Biomedical Sciences programme is designed to foster opportunities for entry into the life science industry and as an avenue for students to embark on further professional development and is particularly suited for:

- Students who wish to pursue higher education in Biomedical and Health Sciences, as well as a host of other disciplines.
- Professionals who lack previous exposure to the sciences but are involved in the life sciences industry or are preparing for entry into that industry.
- Individuals who wish to pursue an alternative career path and those who have a keen interest in the discipline will also find the programme a rewarding first step into the diverse field of biological sciences. Members of the cosmetics, food, legal, teaching, banking and environmental professions who would also find the programme of individual benefit to their knowledge base.

Modules		
<ul style="list-style-type: none"> <li>• Anatomy &amp; Physiology</li> <li>• Bioinformatics</li> <li>• Biology</li> <li>• Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Genetics</li> <li>• Mathematics</li> <li>• Molecular Cell Biology</li> <li>• Physics</li> </ul>	
Course Fees		Duration
<b>Application Fees</b> <b>Local Student:</b> S\$109.00	<b>Application Fees</b> <b>International Student:</b> S\$490.50	<b>Full-Time:</b> 6 months   <b>Part-Time:</b> 12 months
<b>Tuition Fees</b> <b>Full-Time/Part-Time</b> S\$9,374.00	<b>Tuition Fees</b> <b>Full-Time</b> S\$12,535.00	<ul style="list-style-type: none"> <li>• All application fees are non-refundable.</li> <li>• All fees quoted are inclusive of GST.</li> <li>• The amount illustrated is based on 9% GST, effective 1 January 2024 and the total amount payable will be charged accordingly.</li> <li>• Local: Non-tuition fees for full-time programmes include MDIS membership entrance fee, membership subscription fee, MDIS experience workshop, academic writing workshop, medical insurance and fee protection scheme. Non-tuition fees for part-time programmes include MDIS membership entrance fee, membership subscription fees, MDIS experience workshop, academic writing workshop and fee protection scheme.</li> <li>• International: Non-tuition fees for full-time programmes include MDIS membership entrance fee, membership subscription fees, MDIS experience workshop, academic writing workshop, medical insurance, medical examination and administrative fee.</li> <li>• Non-tuition fees for international students may vary.</li> <li>• Non-tuition fees are not refundable. Please refer to MDIS refund policy on our corporate website for more details.</li> </ul>
<b>Non-Tuition Fees</b> <b>Full-Time/Part-Time</b> S\$200.00 - S\$450.00	<b>Non-Tuition Fees</b> <b>Full-Time</b> S\$810.00 - S\$1,000.00	
Entry Requirements		
<ul style="list-style-type: none"> <li>• At least 1 GCE 'O' Level Pass* OR</li> <li>• NITEC / Higher NITEC qualification OR</li> <li>• International applicants must have completed 10 years of formal education OR</li> <li>• Mature candidates (≥30 years old with 8 years relevant work experience) OR</li> <li>• At least 1 IGCSE Level Pass</li> </ul> <p><i>* Note: 1 GCE O level subject would need to be relevant Science subject.</i></p>		<ul style="list-style-type: none"> <li>• D7 pass in English at GCE 'O' Level or equivalent OR</li> <li>• Achieve a minimum band of 5.5 in IELTS or equivalent OR</li> <li>• A Pass in MDIS English Entrance Test (EET) or</li> <li>• MDIS Professional Certificate in English OR</li> <li>• 1 'IGCSE' Level Pass (either English 1<sup>st</sup> language or 2<sup>nd</sup> language) OR</li> <li>• Online English Placement Test conducted by MDIS OR</li> <li>• Letter from College / University clearly stating the Medium of Instruction of the highest qualification to be English OR</li> <li>• Achieve a minimum score of 95 and above in Duolingo English Test</li> </ul>

### Minimum Number of Students to Commence Class

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**MDIS**  
Management Development  
Institute of Singapore



Founded in 1956, the Management Development Institute of Singapore (MDIS) is one of Singapore's oldest not-for-profit professional institutes for lifelong learning. MDIS has two main subsidiaries: Management Development Institute of Singapore Pte Ltd which oversees its Singapore academic operations and MDIS International Pte Ltd which focuses on MDIS' globalisation strategy.

MDIS offers internationally-accredited courses in Business and Management, Engineering, Fashion and Design, Health and Nursing, Information Technology, Languages and Education, Life Sciences, Media and Communications, Psychology, Tourism and Hospitality Management and Safety and Environmental Management. These programmes are offered in collaboration with renowned universities in the United Kingdom and the United States of America. MDIS also has set a proven track record of preparing students to excel in the Singapore-Cambridge General Certificate of Education (Ordinary and Advanced Level), Cambridge International General Certificate of Secondary Education (IGCSE) and Cambridge International Lower Secondary, through its comprehensive preparatory courses.

MDIS is EduTrust certified, attesting to its exemplary education and business excellence standards. The institute was first awarded the certification in 2010 – subsequently renewed it for four years in 2014, 2018 and 2023. MDIS was also one of the first Private Education Institutions (PEIs) to be registered under the Enhanced Registration Framework.

Equally vested in corporate-level training, MDIS' corporate training arm, the Management Development and Consultancy, was set up in 1995 to cater to the training needs of the workforce. In 2014, MDIS acquired the Service Quality Centre to diversify its offerings in training solutions – in its endeavour to be a premium provider of training solutions in the region.

Apart from the main Singapore campus, MDIS has international campuses in Tashkent, Uzbekistan, Johor, Malaysia, as well as Dushanbe, Tajikistan. MDIS also has representative offices in India and Indonesia, as well as agents throughout Southeast Asia.

## MDIS STUDENT'S EXPERIENCE



**Abhishek Uppudu**

MDIS Alumni  
Class of 2023



Currently on the path to becoming a medical doctor, I can confidently say that MDIS laid the foundation for my academic pursuits. The personalised attention, modern facilities and unwavering support from the MDIS community have been instrumental in shaping my academic and professional journey. Grateful for the transformative experience, I wholeheartedly recommend MDIS to aspiring students seeking an enriching education in the biomedical sciences.















Cert No: EDU-S-2016  
Validity: 30/03/2023 - 29/03/2027

Management Development  
Institute of Singapore  
Reg. No. 201001793H  
18 September 2024 to 17 September 2028

## Management Development Institute of Singapore Pte Ltd

### MDIS Campus

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Singapore 148951  
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Fax: +65 6796 7788

### Local Student Enquiries:

+65 6247 9111    etc@mdis.edu.sg

### International Student Enquiries:

+65 6278 8000    ib@mdis.edu.sg

MDIS Pte Ltd has appointed LONPAC Insurance Bhd to be the FPS providers for our students. The insurance coverage will be for the entire course fee and any course fees arising from an extension of the study period longer than the initially planned study period (if applicable).

The information provided in the flyer is accurate at the time of printing. Management Development Institute of Singapore reserve the right to change the design, structure, curriculum and any of the specified information documented in this flyer at any time without prior notice. For most updated information, please refer to our website at [www.mdis.edu.sg](http://www.mdis.edu.sg).

Printed in December 2024 Rev 0